

APICAL

INDUSTRIES, INC.

ENGINEERING CHANGE NOTICE NO.

03933

SHEET 1 OF 1

DWG NO. 647.9700

REV: A

PREPARED BY B. PETERS

DATE: 06/14/13

EFFECT ON DWG
☐ INC. ☒ UNINC.

DWG TITLE: CUTTER SUB ASSYS

APPROVED BY: ENGR *[Signature]*

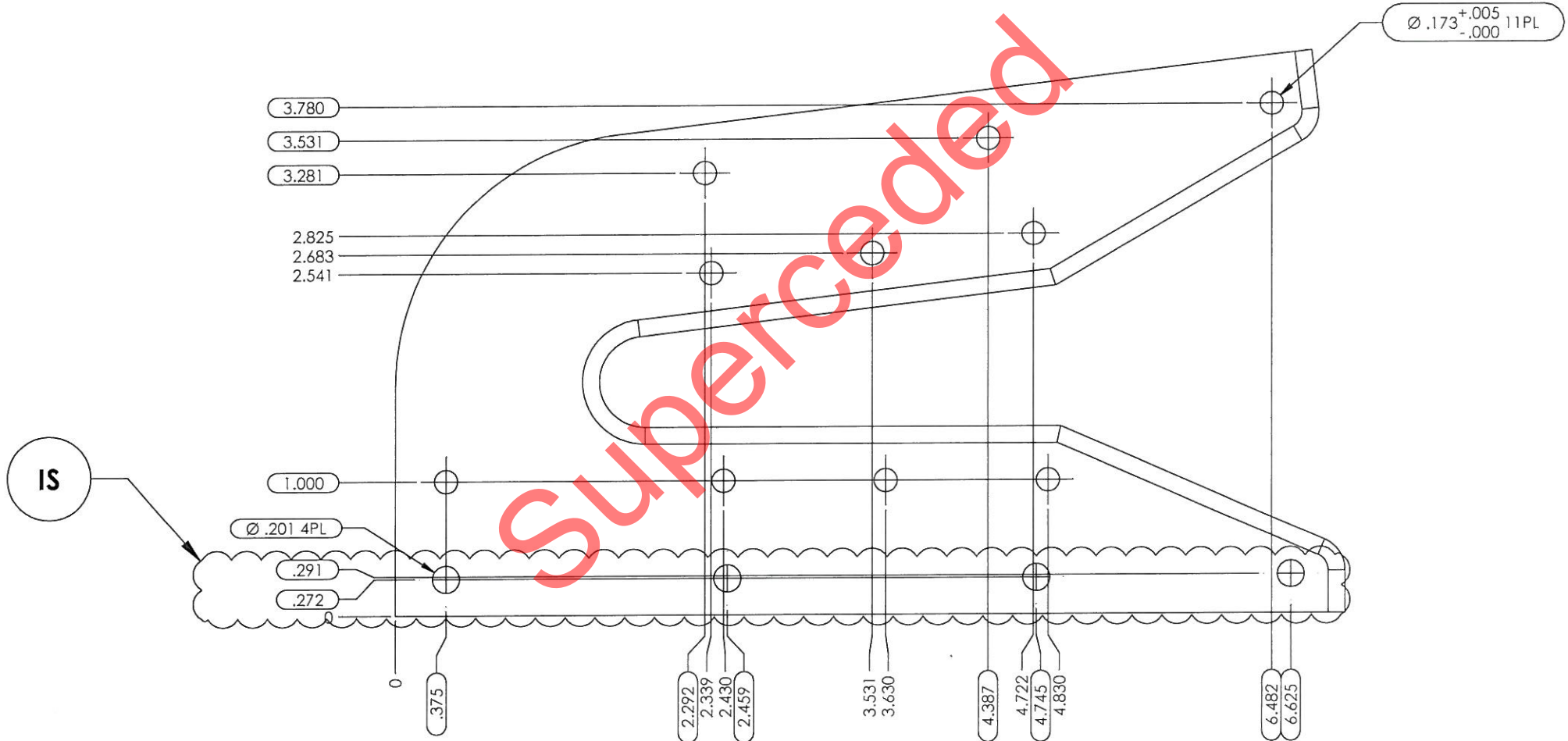
MFG *[Signature]*

QC *[Signature]*

EFF. CURRENT ORDER

TRANSACTION CODES (TC):
A-ADD
R-REVISE
C-CREATE
D-DELETE

REASON: CORRECTED DIMENSIONAL ERROR.



SHEET 7, ZONE C1 IS:

DOCUMENTS EFFECTED:

☐ MDL ☐ INSTALL INSTRUCTIONS ☐ ICA ☐ FMS ☐ BOM

CHANGE CATEGORY

☐ MAJOR ☒ MINOR

DER REVIEW REQUIRED

☐ YES ☒ NO

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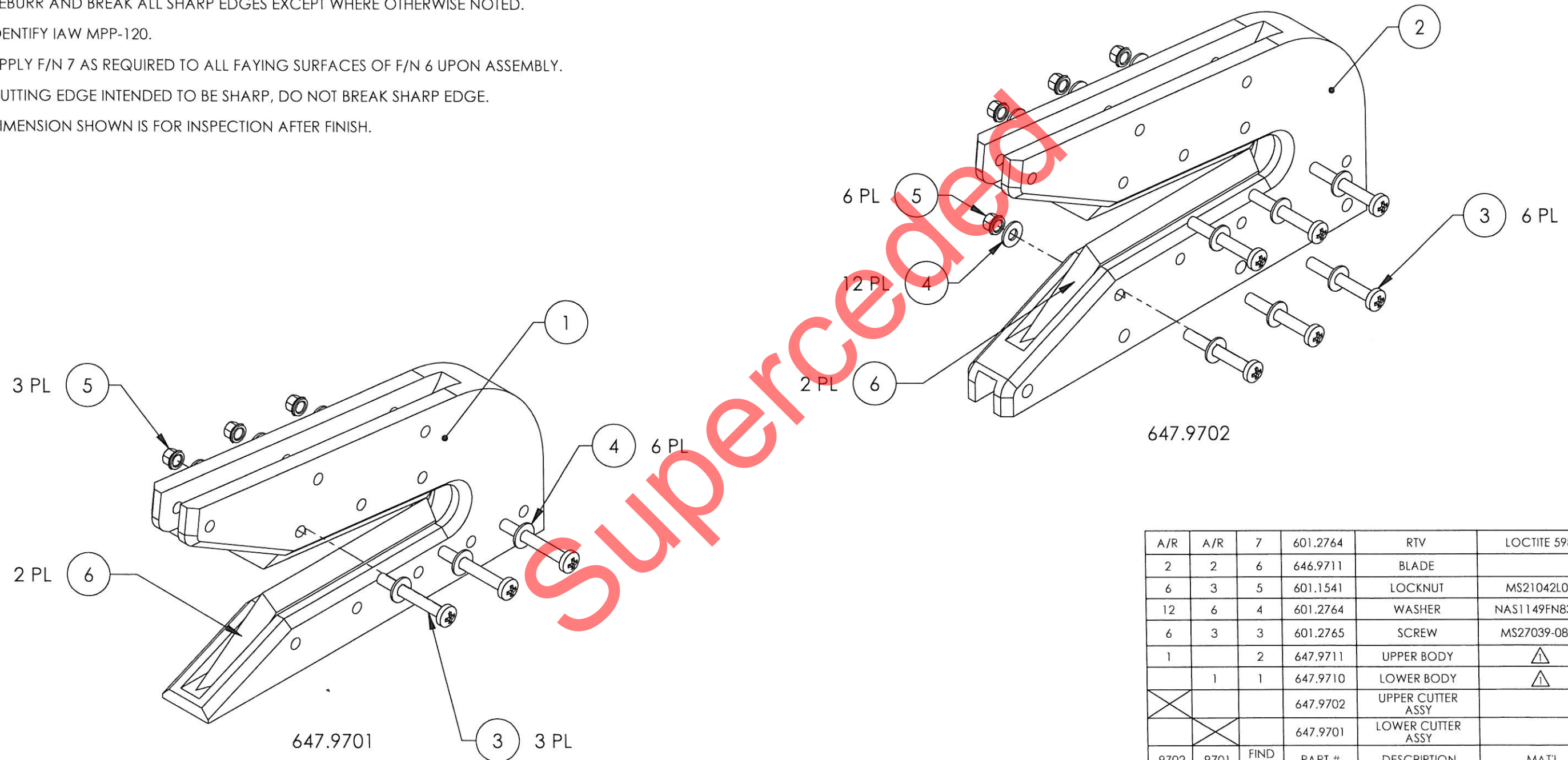
NOTES:

- 1 MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12.
- 2 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK; PRETREAT PRC-DESOTO PR-148 ADHESION PROMOTER; PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX.
4. DEBURR AND BREAK ALL SHARP EDGES EXCEPT WHERE OTHERWISE NOTED.
5. IDENTIFY IAW MPP-120.
- 6 APPLY F/N 7 AS REQUIRED TO ALL FAYING SURFACES OF F/N 6 UPON ASSEMBLY.
- 7 CUTTING EDGE INTENDED TO BE SHARP, DO NOT BREAK SHARP EDGE.
- 8 DIMENSION SHOWN IS FOR INSPECTION AFTER FINISH.

UNINCORPORATED ECN(S)

03933

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE RELEASE: PR1		
N/C	INITIAL RELEASE	04-26-10	P. BRAVO
A	INCORPORATED ECN 03029 & 03859	04-11-13	P. BRAVO



A/R	A/R	7	601.2764	RTV	LOCTITE 598	
2	2	6	646.9711	BLADE		
6	3	5	601.1541	LOCKNUT	MS21042L08	
12	6	4	601.2764	WASHER	NAS1149FN832P	
6	3	3	601.2765	SCREW	MS27039-0819	
1		2	647.9711	UPPER BODY	△1	△2
	1	1	647.9710	LOWER BODY	△1	△2
			647.9702	UPPER CUTTER ASSY		
			647.9701	LOWER CUTTER ASSY		
.9702	.9701	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
QTY		PARTS LIST				
NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR) 04-26-10		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300 CUTTER SUB ASSYS		
647.9200		DRAWN BY A. QUAN				
		CHECKED P. BRAVO				
		DRAWING APPROVAL P. BRAVO 04-26-10				
		CONTRACT NO.				
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		SIZE CAGE CODE DWG. NO. REV B 07M26 647.9700 A		
				SCALE NONE		SHEET 1 OF 7

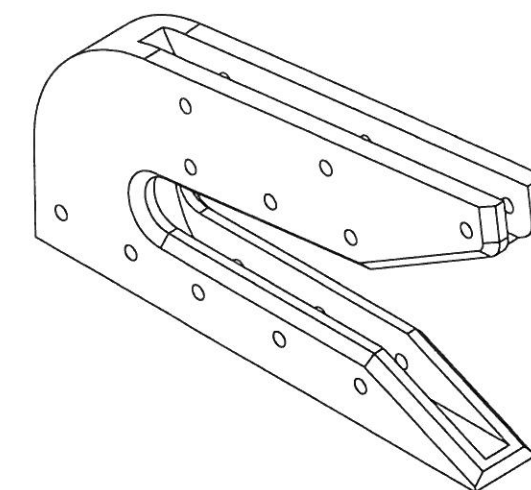
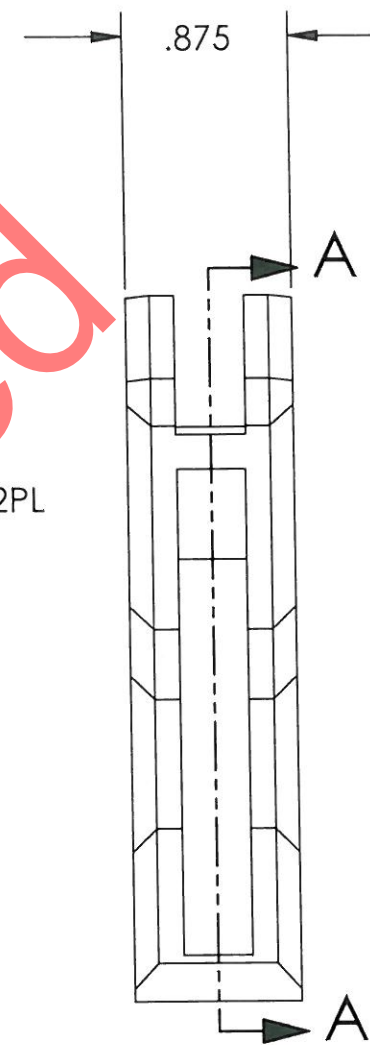
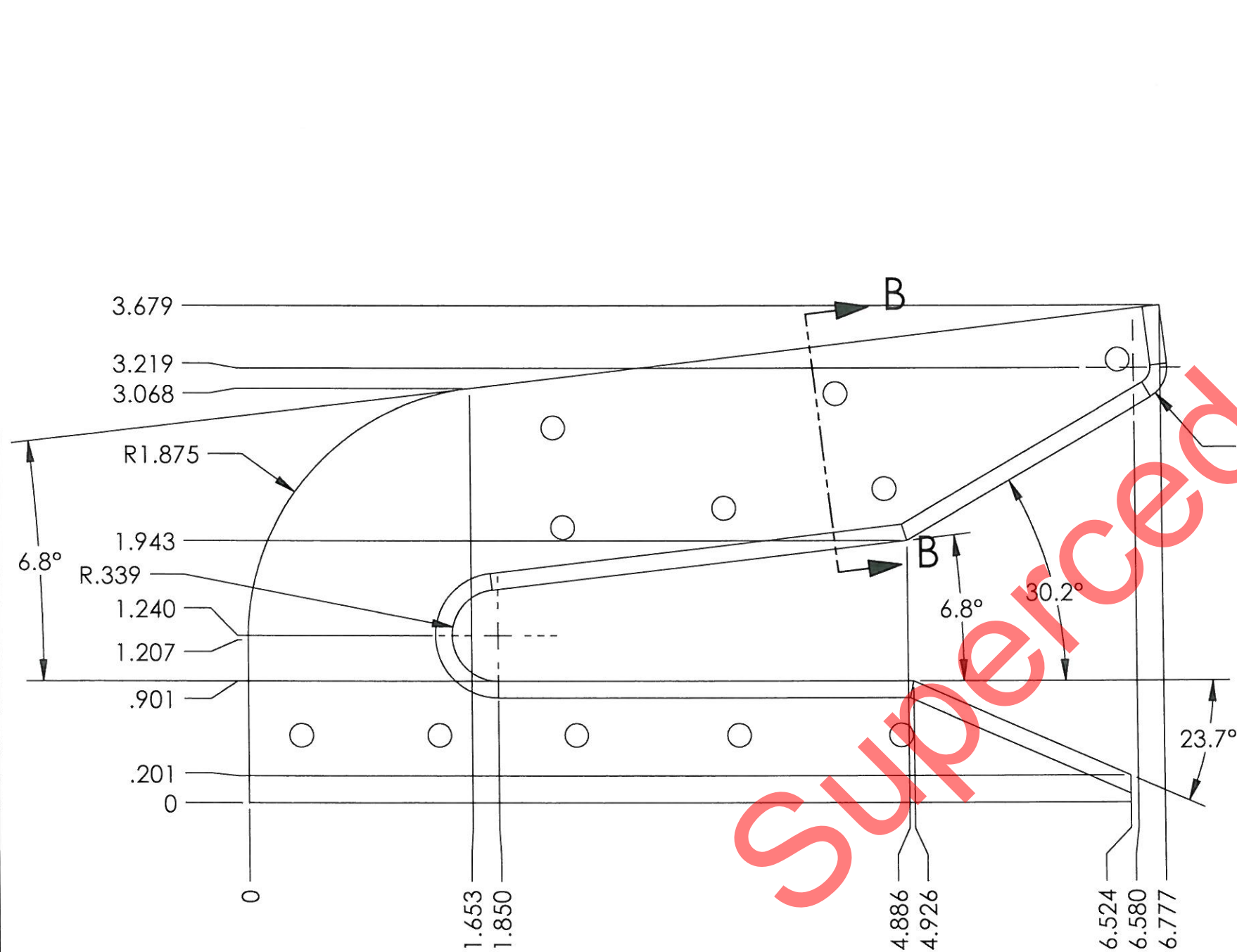
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A

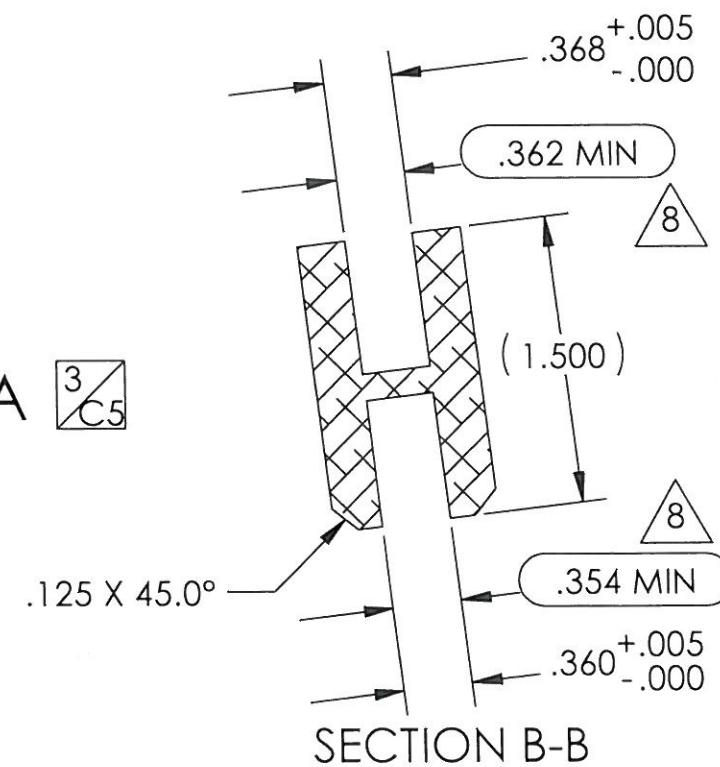
B

C

D

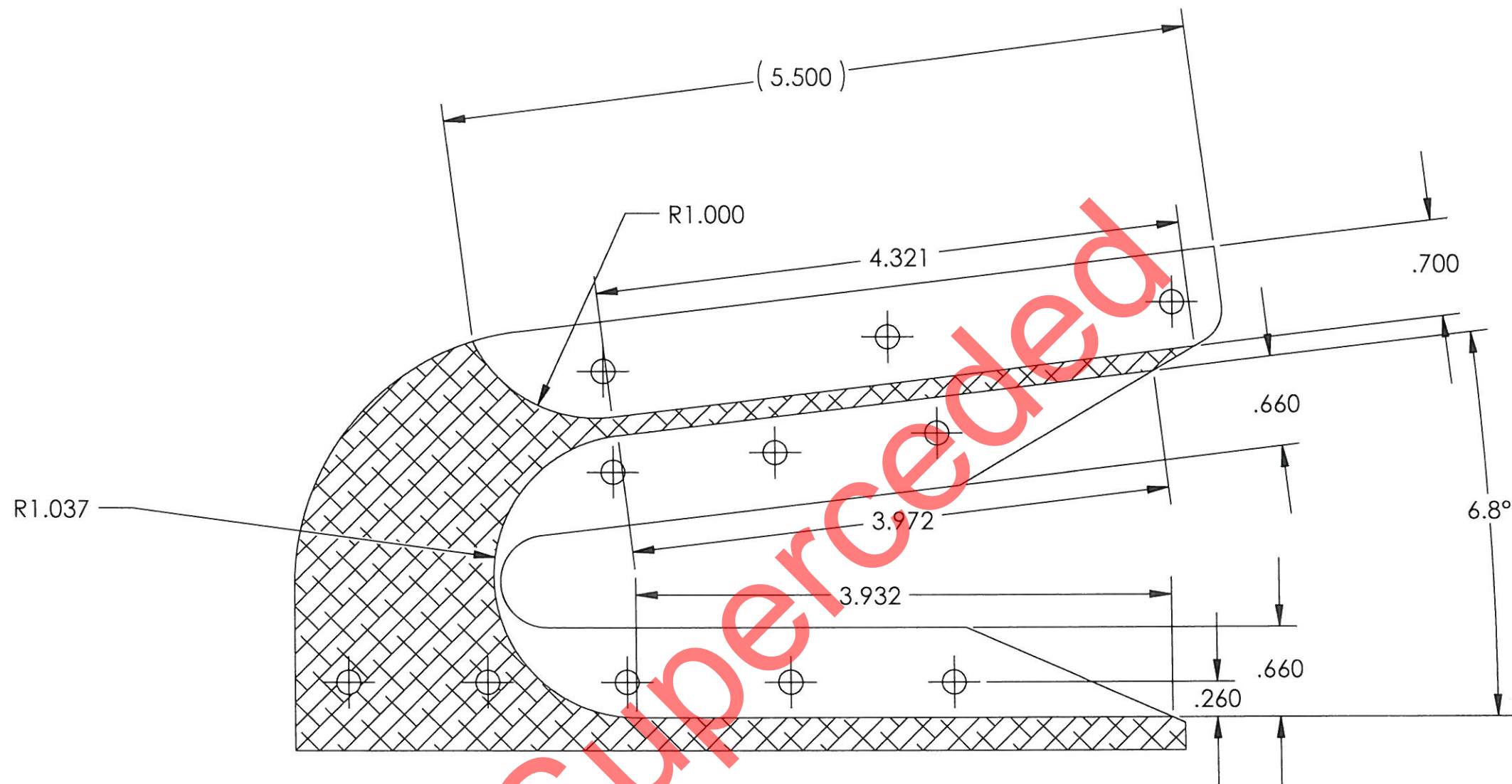


647.9710



ORIGINAL DATE (MO-DA-YR) 04-26-10		APICAL INDUSTRIES	
DRAWN BY A. QUAN	CHECKER P. BRAVO	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO 04-26-10		CUTTER SUB ASSYS	
CONTRACT No.		SIZE B	REV A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		CAGE CODE 07MZ6	DWG. NO. 647.9700
		SCALE NONE	SHEET 2 OF 7

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SECTION A-A 2
B6

ORIGINAL DATE (MO-DA-YR) 04-26-10		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY A. QUAN	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 04-26-10		CUTTER SUB ASSYS	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS ± .03 3 PLACE DECIMALS ± .010 ANGLES ± .5°		SIZE B	REV A
		CAGE CODE 07MZ6	DWG. NO. 647.9700
		SCALE NONE	SHEET 3 OF 7

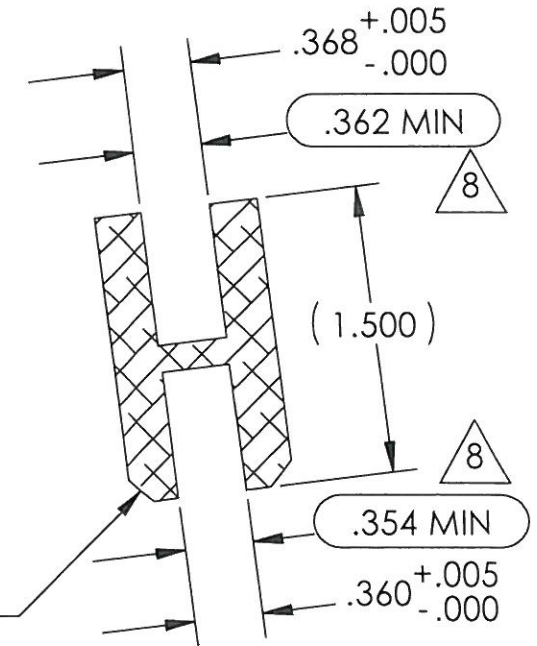
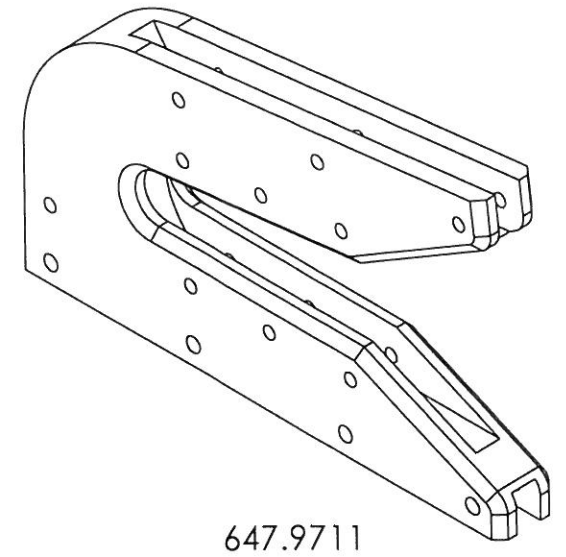
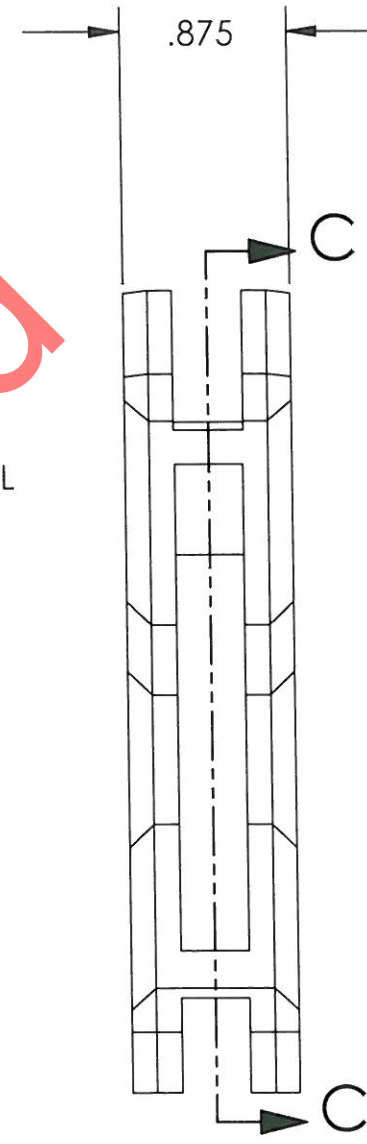
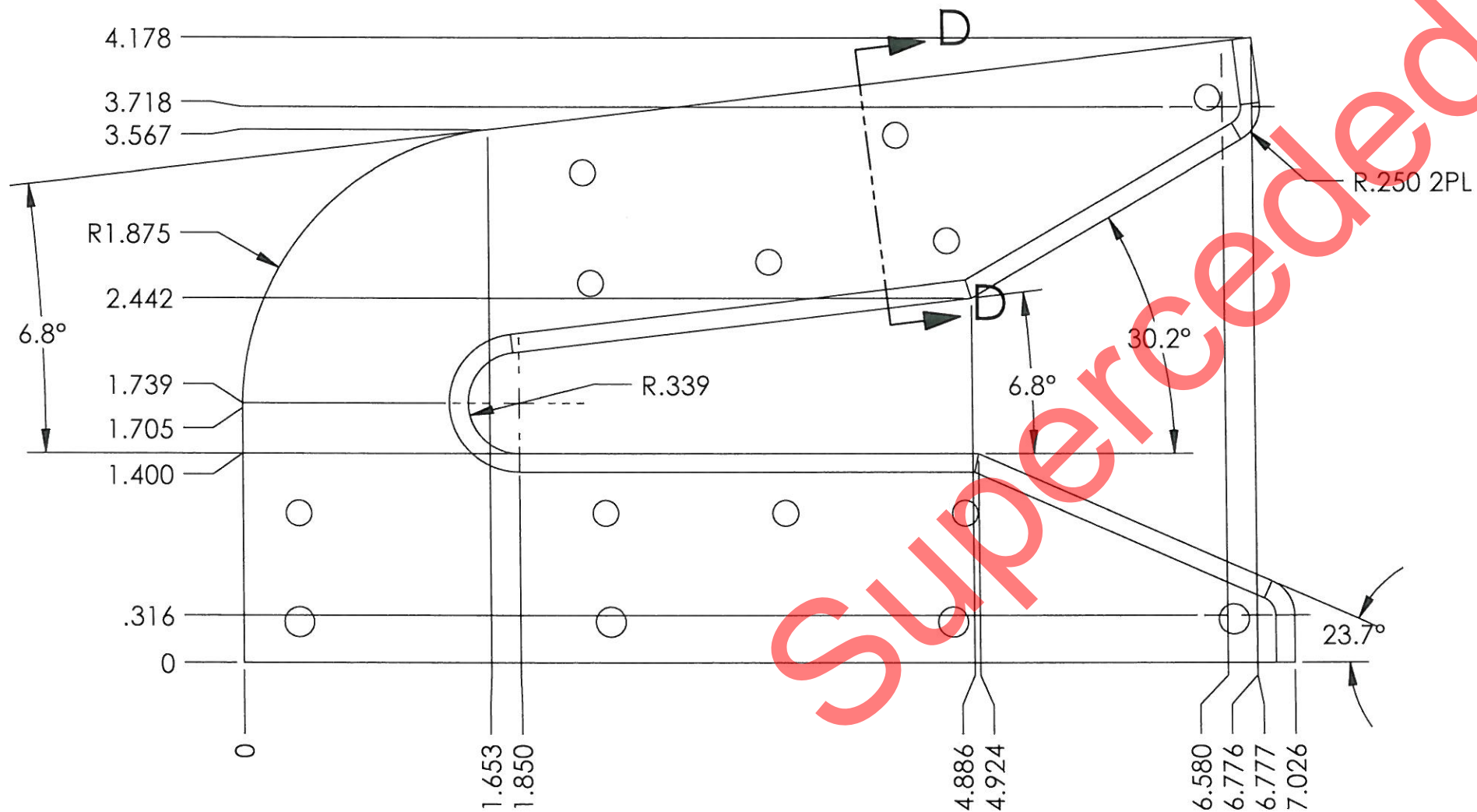
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$\phi .177^{+.005}_{-.000}$ 11PL

HOLE LOCATIONS +/- .002

ORIGINAL DATE (MO-DA-YR) 04-26-10		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300		
DRAWN BY A. QUAN	CHECKER P. BRAVO			
DRAWING APPROVAL P. BRAVO 04-26-10		CUTTER SUB ASSYS		
CONTRACT NO.		SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.9700
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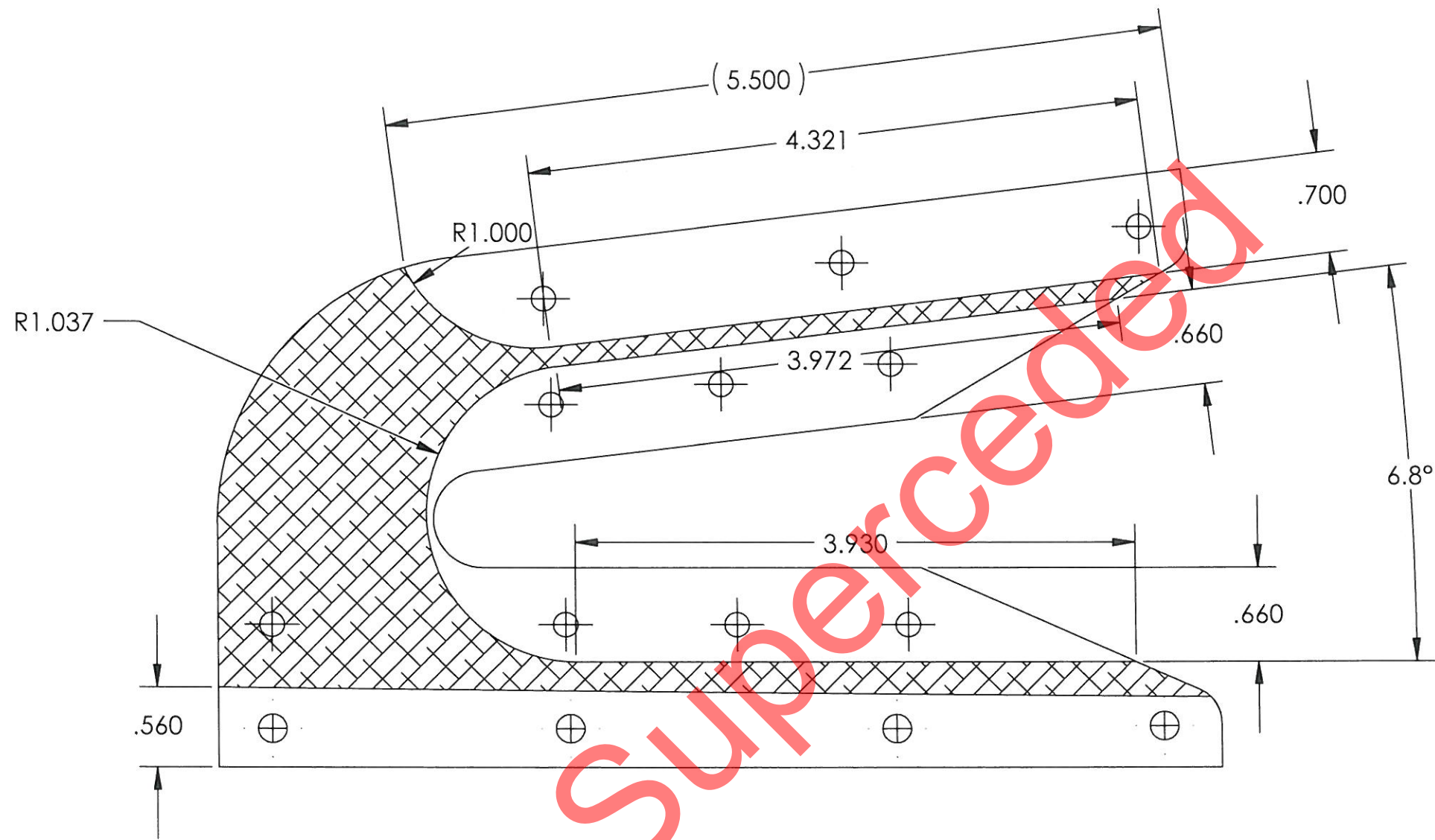


SECTION D-D

ORIGINAL DATE (MO-DA-YR) 04-26-10		APICAL INDUSTRIES	
DRAWN BY A. QUAN	CHECKER P. BRAVO	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO 04-26-10		CUTTER SUB ASSYS	
CONTRACT NO.		SIZE B	CAGE CODE 07M26
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		DWG. NO. 647.9700	REV. A
		SCALE NONE	SHEET 5 OF 7

1 2 3 4 5 6 7 8

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SECTION C-C

5
B6

ORIGINAL DATE (MO-DA-YR) 04-26-10		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY A. QUAN	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 04-26-10		CUTTER SUB ASSYS	
CONTRACT NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .03 3 PLACE DECIMALS ± .010 ANGLES ± 5°		SIZE B	REV. A
		CAGE CODE 07M26	DWG. NO. 647.9700
		SCALE NONE	SHEET 6 OF 7

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$\phi .173^{+.005}_{-.000}$ 11PL

3.780

3.531

3.281

2.825

2.683

2.541

1.000

$\phi .201$ 4PL

.272

0

.375

2.292

2.339

2.430

2.459

3.531

3.630

4.387

4.722

4.745

4.830

6.482

6.625

HOLE LOCATIONS +/- .002

ORIGINAL DATE
(MO-DA-YR) 04-26-10
DRAWN BY
A. QUAN
CHECKER
P. BRAVO
DRAWING APPROVAL
P. BRAVO
CONTRACT NO.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS $\pm .03$
3 PLACE DECIMALS $\pm .010$
ANGLES $\pm 5^\circ$

APICAL INDUSTRIES
2608 TEMPLE HEIGHTS DR.
OCEANSIDE, CA. 92056-3512 (760)724-5300
CUTTER SUB ASSYS
SIZE B CAGE CODE 07MZ6 DWG. NO. 647.9700 REV. A
SCALE NONE SHEET 7 OF 7